

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE

1-800-255-3924

1-612-672-0022

SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME	PRODUCT TYPE	CODE IDENTIFICATION
Emulso Degreaser	Built Liquid Detergent	#546

DOT SHIPPING NAME: Potassium Hydroxide Solution, 8, UN1814, PGII

SECTION 2: HAZARDOUS INGREDIENTS

	CAS NUMBER	%	EXPOSURE CRITERIA
Potassium Hydroxide	1310-58-3	1-5	TWA 2 mg/m3 (ceiling)
Glycol Ether EB	111-76-2	1-5	20 ppm (skin)

NFPA Hazard Signal:

HMIS:

4=Extreme

Health= 2

DOT Hazard: Corrosive

3=High

Stability= 0

EPA Hazard Waste Class: Not regulated

2=Moderate

Flammability= 0

1=Slight

Special=None

0=Insignificant

SECTION 3: PHYSICAL DATA

Boiling Point: 212° F

Melting Point: N/A

Freezing Point: N/D

Vapor Pressure (mm HG): 0.6

Specific Gravity (Water=1): 1.044

Solubility in Water: Complete

Vapor Density (AIR=1): N/A

Evaporation Rate (BuAc=1): <1

% Volatiles By Volume: 83.5%

pH 1%: 11.25

Appearance & Odor: Bright Pink Liquid
Characteristic sweet cellusolve odor

SYMPTOMS AND EFFECTS OF EXPOSURE:

EYES: Corrosive to eyes with possible permanent corneal damage.

SKIN: Corrosive to skin with possibility of permanent damage.

INGESTION: corrosive to mucous membranes of the mouth, throat, esophagus and stomach.

INHALATION: spray or mist corrosive to mucous membranes of upper respiratory tract.

MATERIAL SAFETY DATA SHEET (continued)

SECTION 4: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (& METHOD USED)	FLAMMABLE LIMITS IN AIR % BY VOLUME	AUTO IGNITION TEMPERATURE
N/A	Lower N.A. Upper N.S.	N/D

EXTINGUISHING MEDIA: Non-combustible

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARD: Self-contained breathing apparatus should be worn by fire fighters in buildings or confined areas where product is stored.

SECTION 5 REACTIVITY DATA

STABILITY (Normal Conditions): Stable Conditions to Avoid: Strong acids or oxidizers

INCOMPATIBILITY (Materials to Avoid): Acids

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6: HEALTH HAZARD INFORMATION

TOXITY INFORMATION:

EFFECTS OF OVEREXPOSURE: Corrosive to mucous membranes of the upper respiratory tract, mouth, throat and stomach. Corrosive to eyes and skin with possible permanent damage.

EMERGENCY AND FIRST AID PROCEDURES:

EYE: wash eyes for fifteen minutes with fresh water – seek medical attention

SKIN: wash contaminated skin with plenty of fresh water - seek medical attention

INGESTION: give 1 to 2 glasses milk but do not induce vomiting. Call physician

INHALATION: remove to fresh air. Treat symptomatically – call physician

COMMENTS: N.A. = NOT APPLICABLE N.D. = NOT DETERMINED

SECTION 7: SPECIAL PROTECTION INFORMATION

Ventilation Requirements: central room or local exhaust.

Respiratory Protection (Specify Type): if mist or spray is not controlled by local exhaust, use NIOSH respirators for organic vapors.

Eye Protection: Safety glasses or goggles.

SKIN PROTECTION: rubber, nitrile or PCA or PVC gloves.

Gloves: Use rubber or PVA type gloves

her Protective Clothing and Equipment: protective apron

MATERIAL SAFETY DATA SHEET (continued)

SECTION 8: SPILL OR LEAK PROCEDURES

Steps To Take If Material Is Released Or Spilled: contain spill and apply absorptive material. Remove to containers for proper disposal. Do not wash down large spills.

SECTION 9: SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storage: Keep container closed when not in use. Do not breath mists or vapors. Keep out of reach of children. Mix only with water. For industrial or institutional use only. Wash contaminated clothing before reuse.

OTHER PRECAUTIONS:

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with manufacturer or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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